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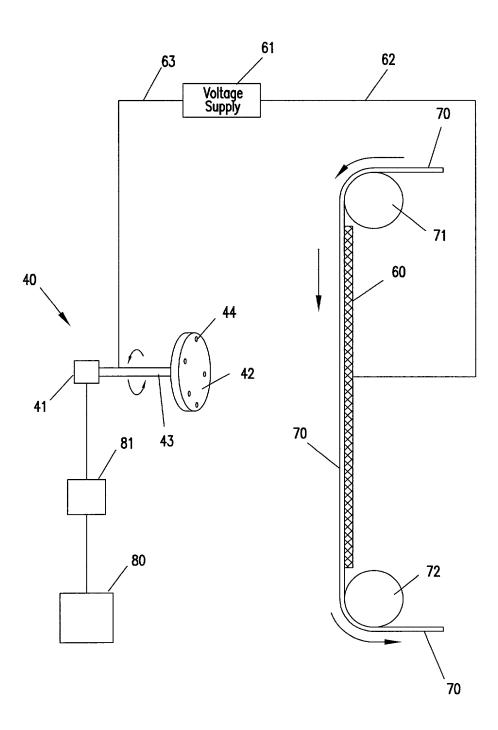
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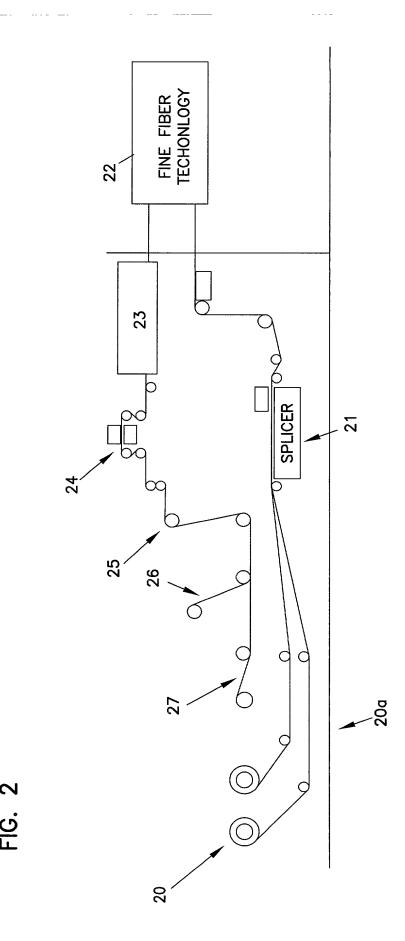
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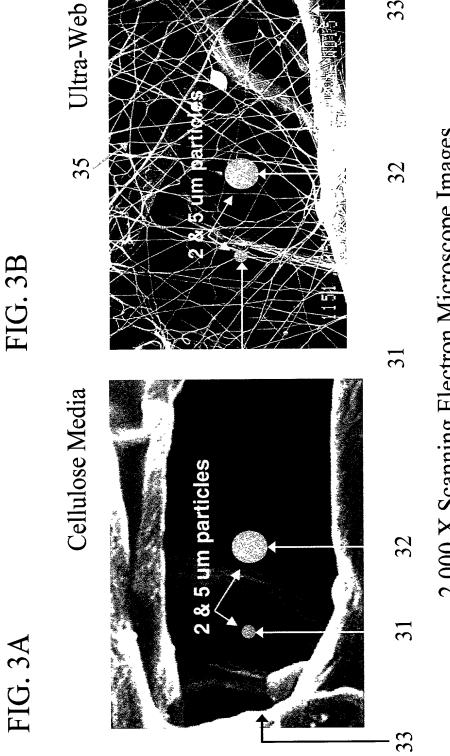
FIG. 1



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2,000 X Scanning Electron Microscope Images

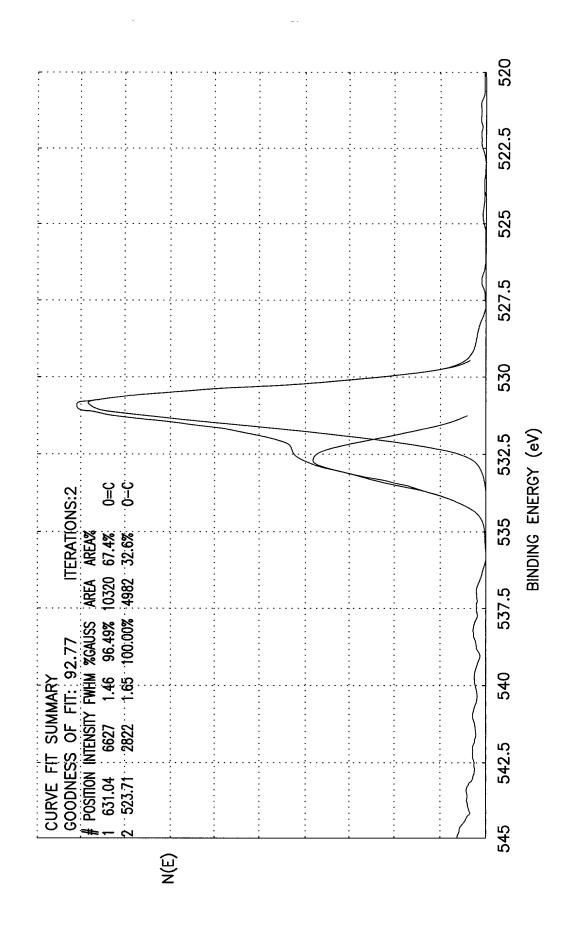
33

ESCA 01s SPECTRA FOR SAMPLE 6A AS SPAN

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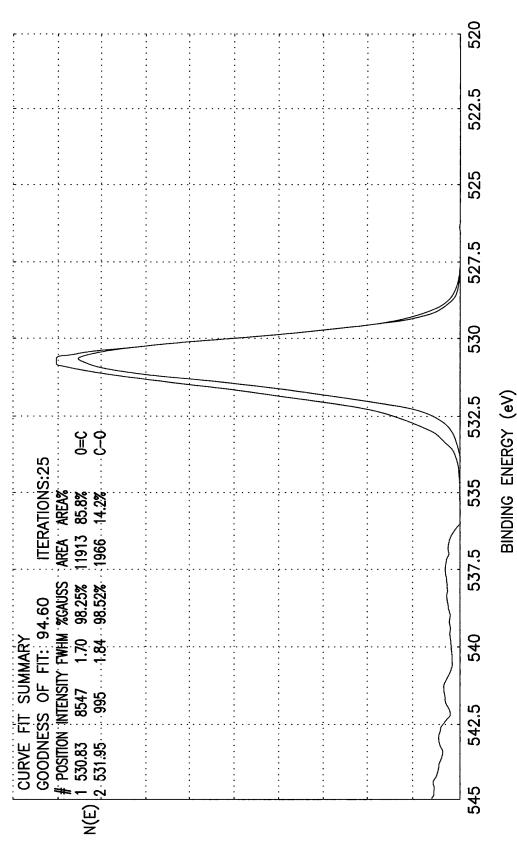
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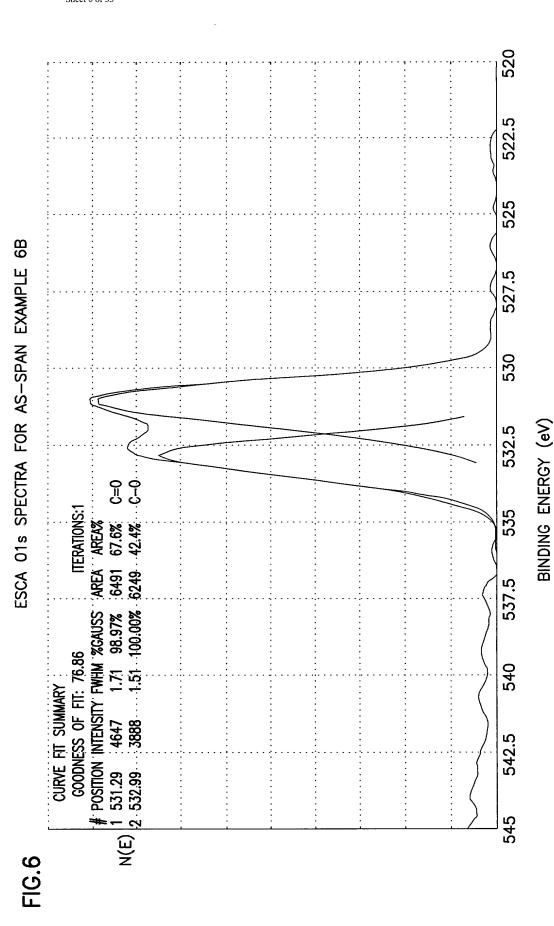
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ESCA 01s SPECTRA FOR HEAT-TREATED SAMPLE 6A



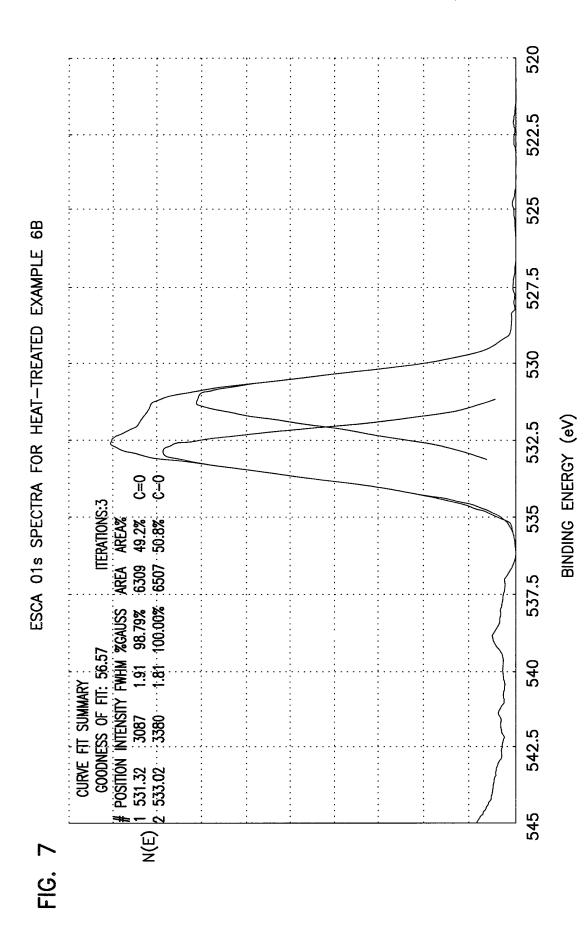
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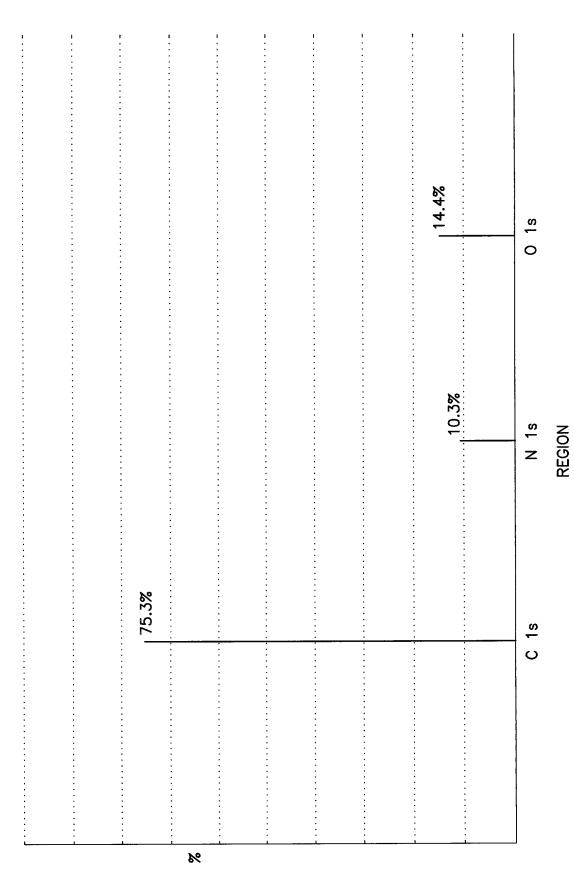


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ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A



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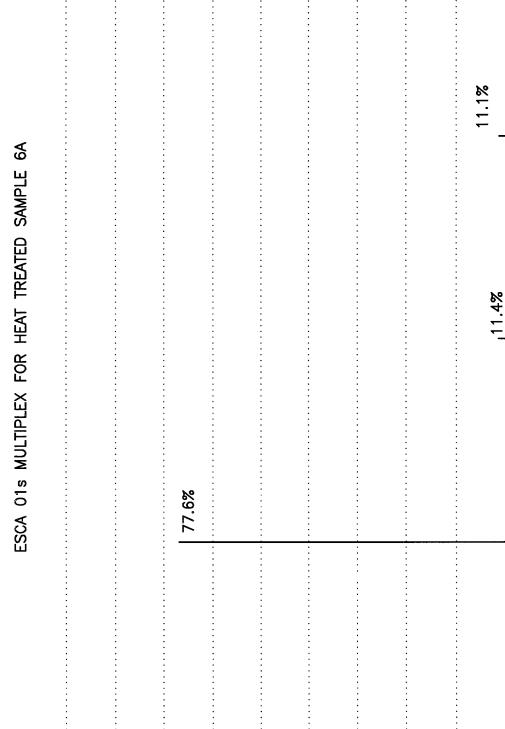
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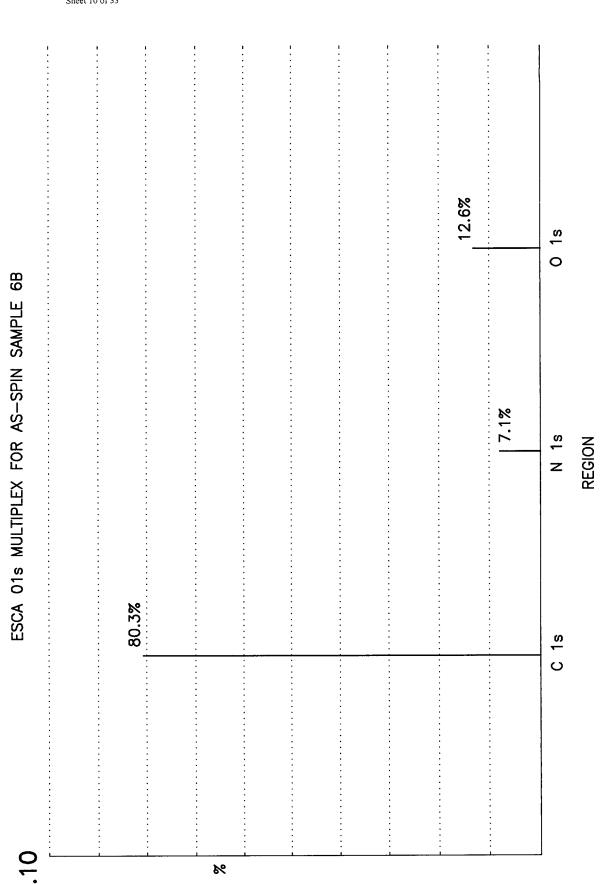


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FIG.9

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ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

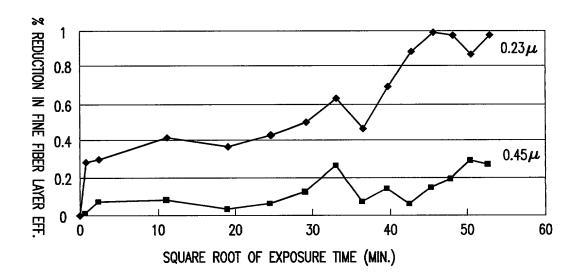
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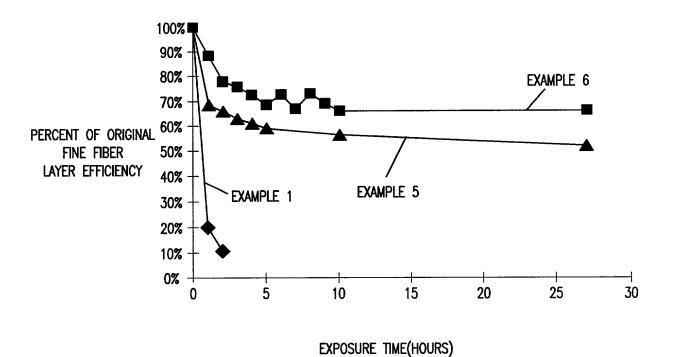
<u>რ</u> 0 4.8% N 1s 84.9% <del>1</del>  $\circ$ %

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FIG.12

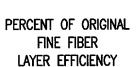


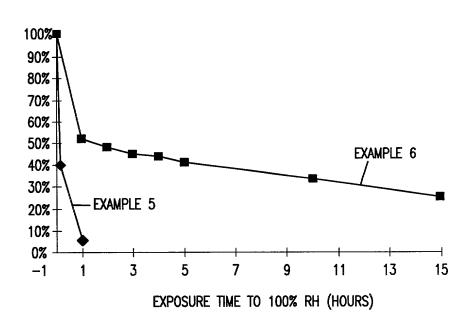
**FIG.13** 



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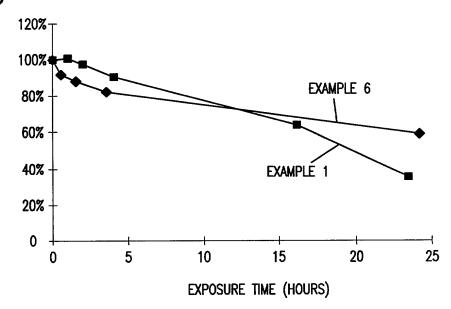
**FIG.14** 





**FIG.15** 

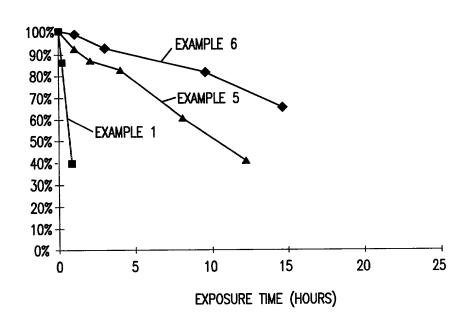
PERCENT OF ORIGINAL FINE FIBER LAYER EFFICIENCY

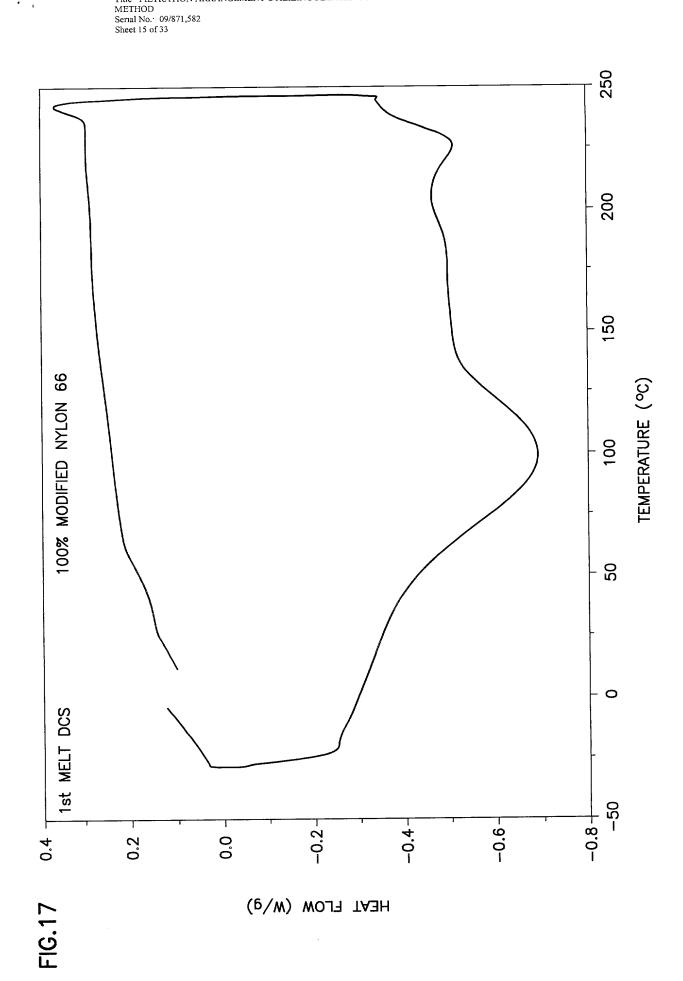


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FIG.16

PERCENT OF ORIGINAL FINE FIBER LAYER EFFICIENCY

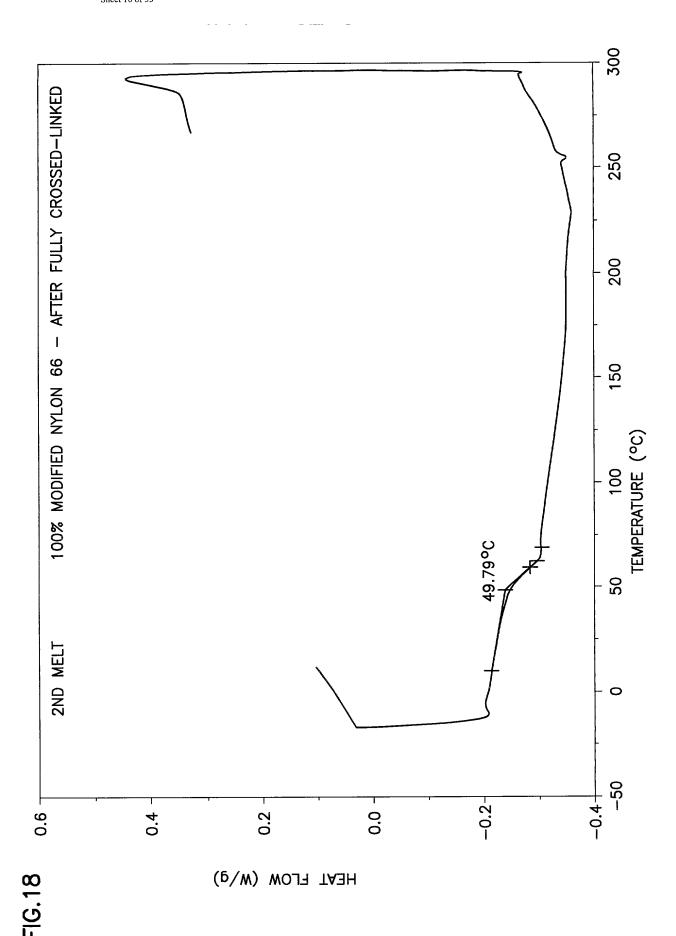


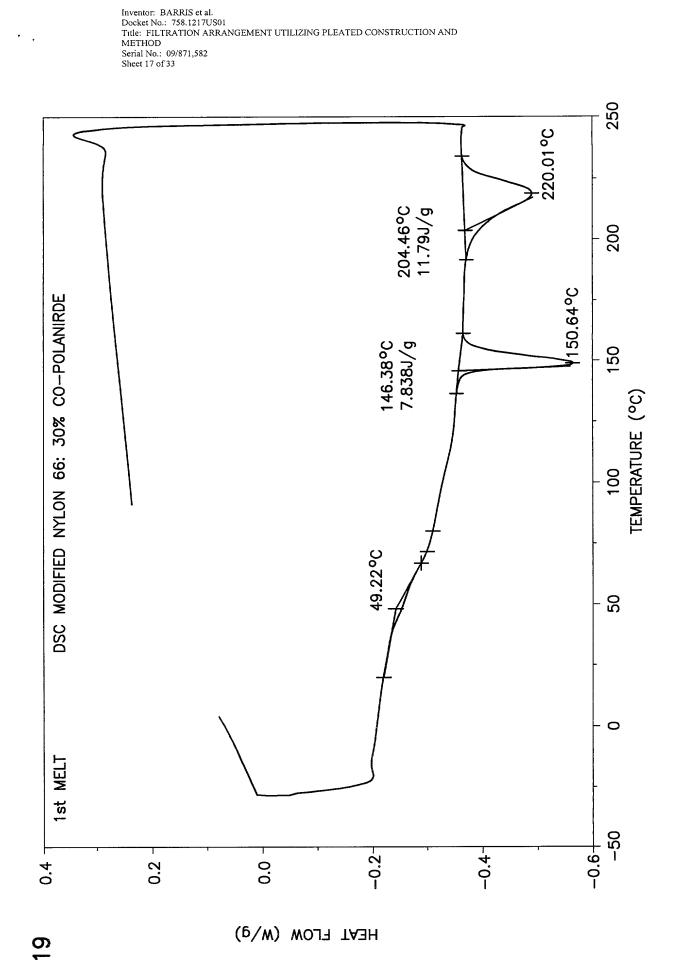


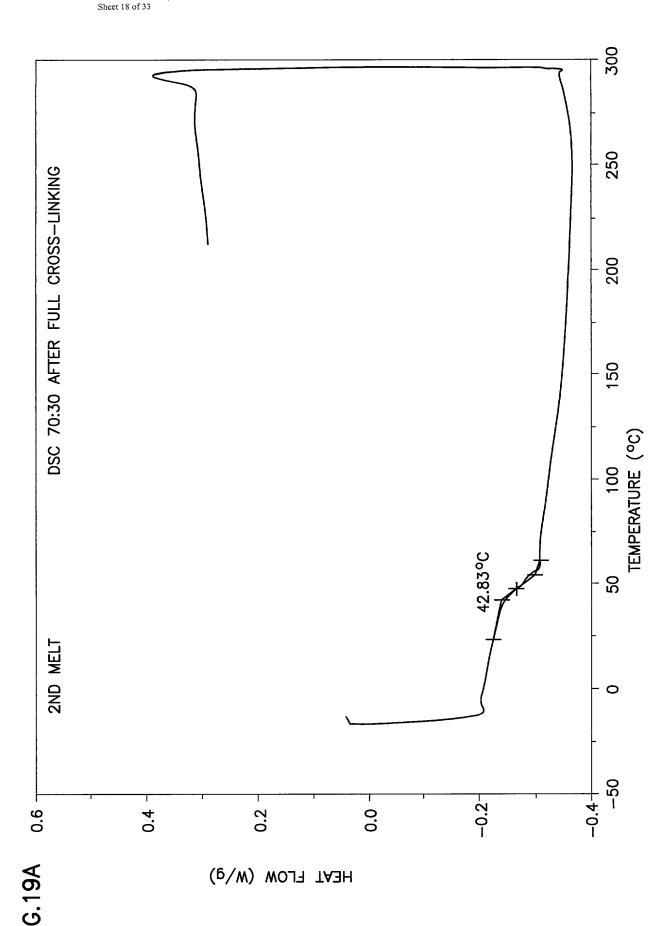
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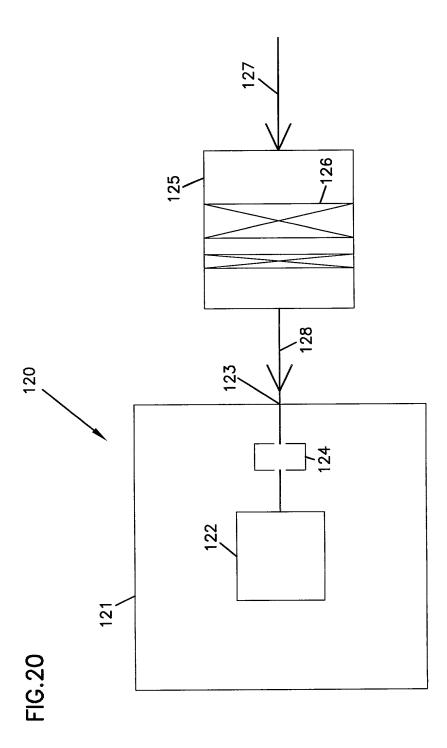




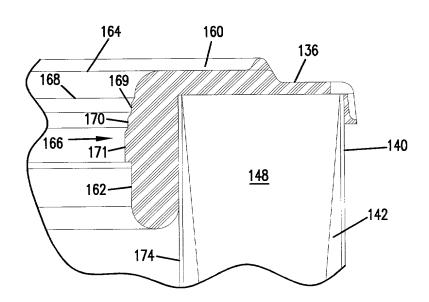


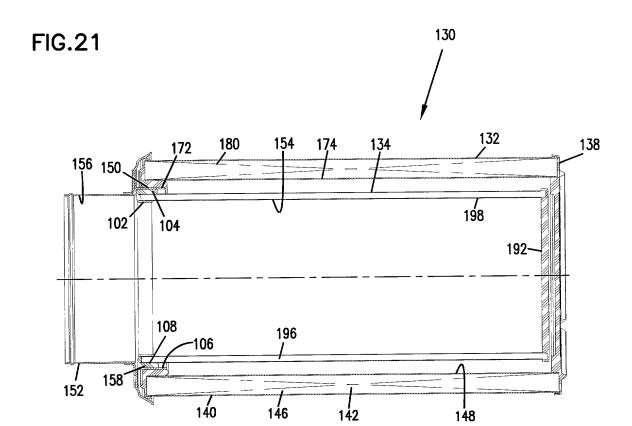
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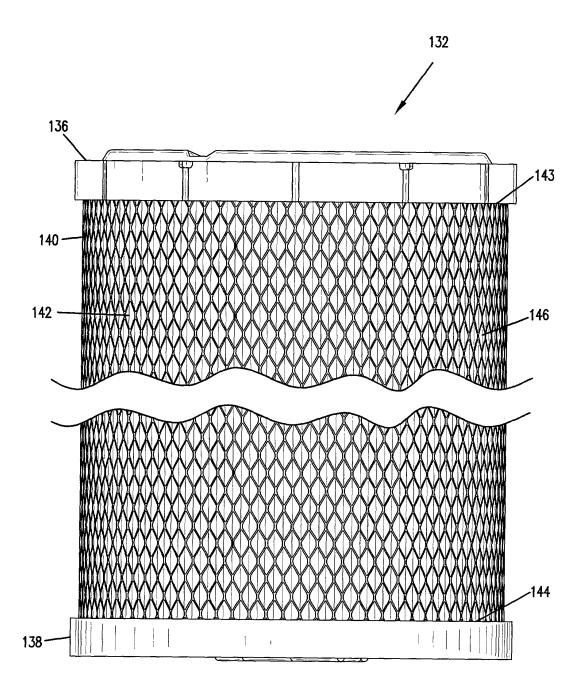
**FIG.23** 



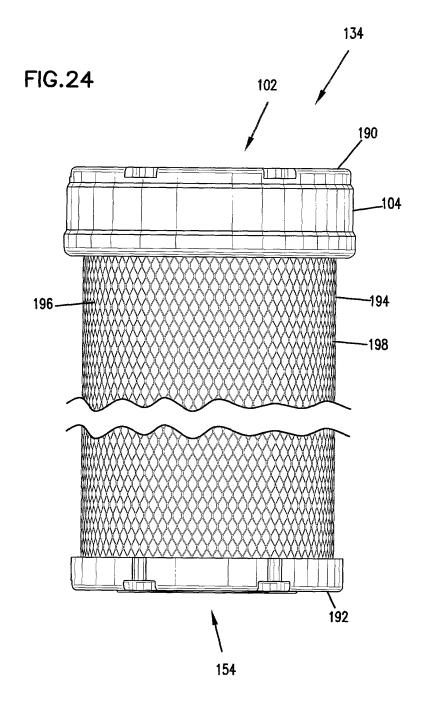


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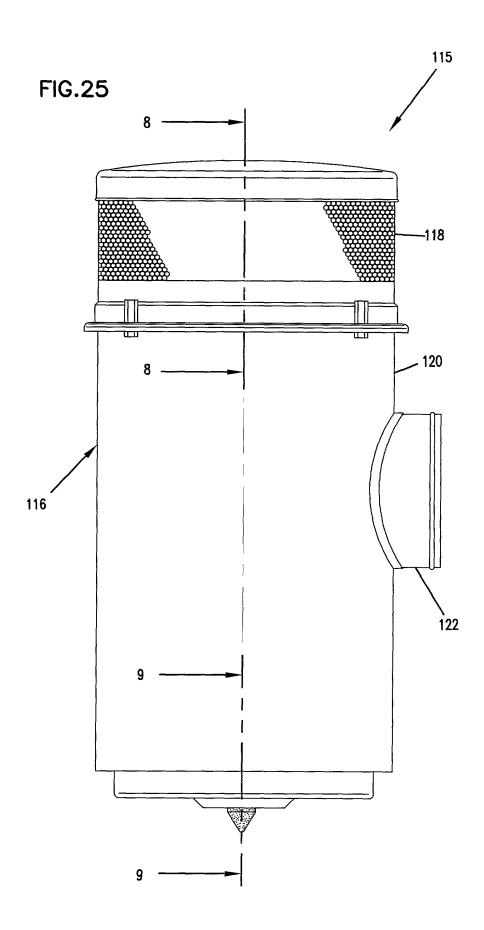
**FIG.22** 



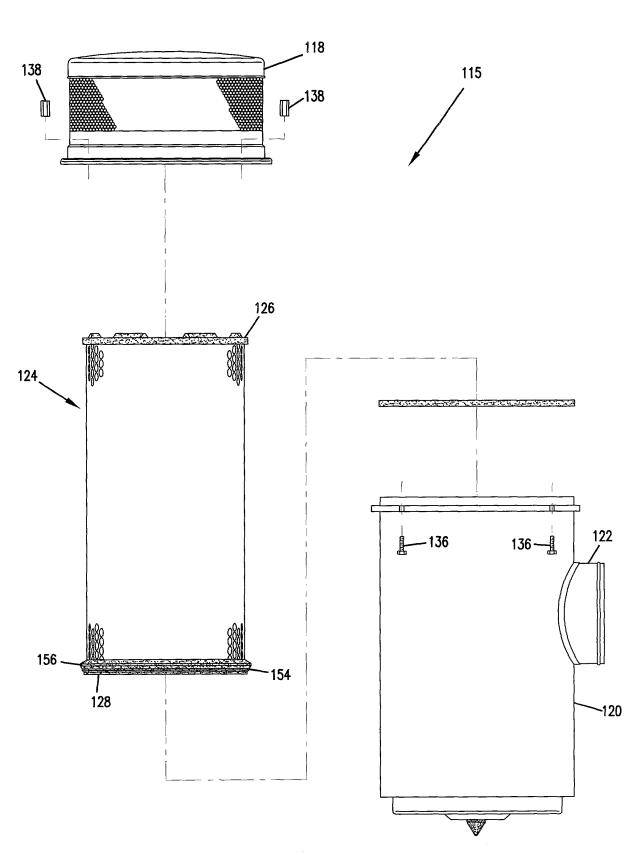
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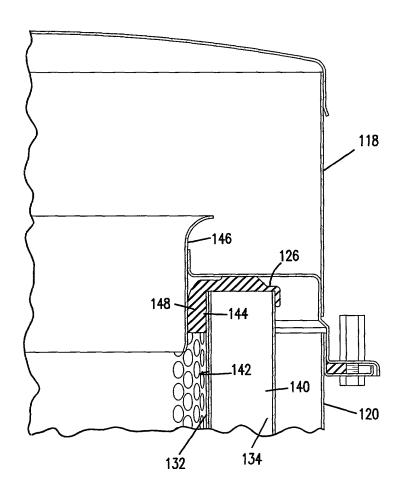


**FIG.26** 



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FIG.27



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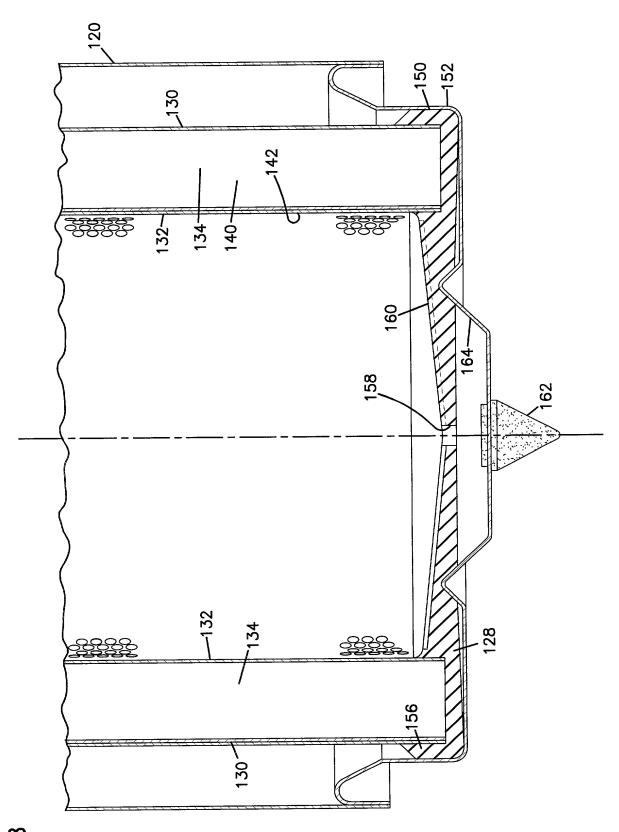
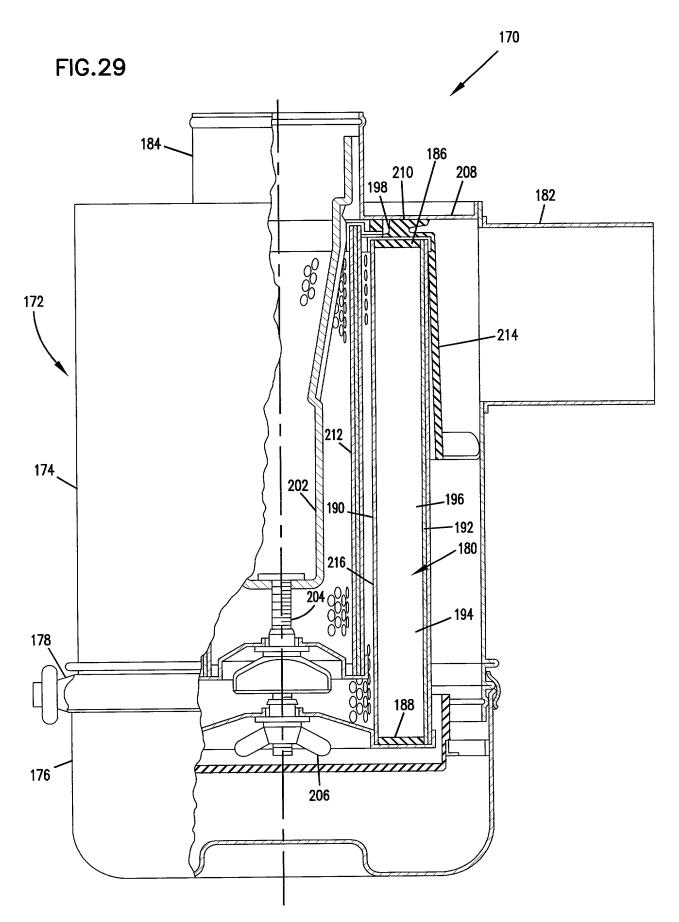
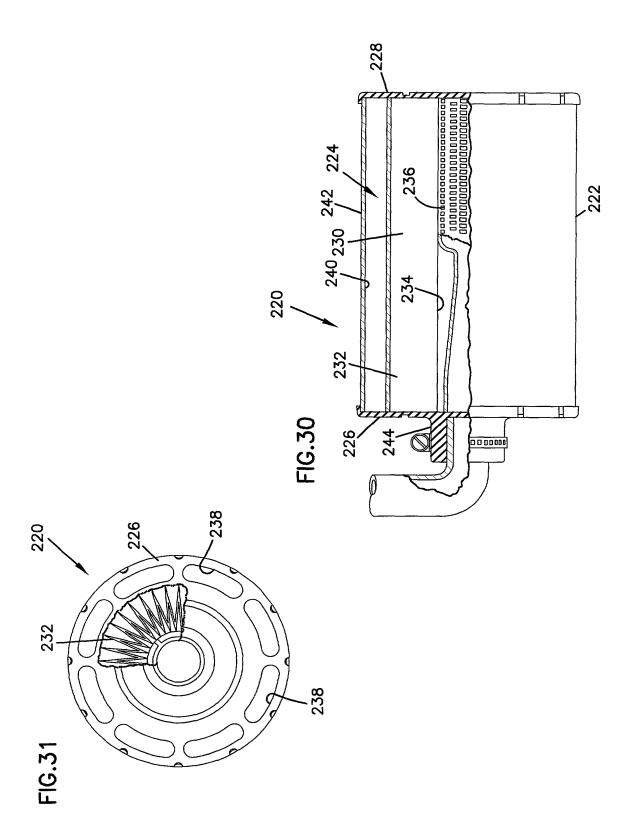


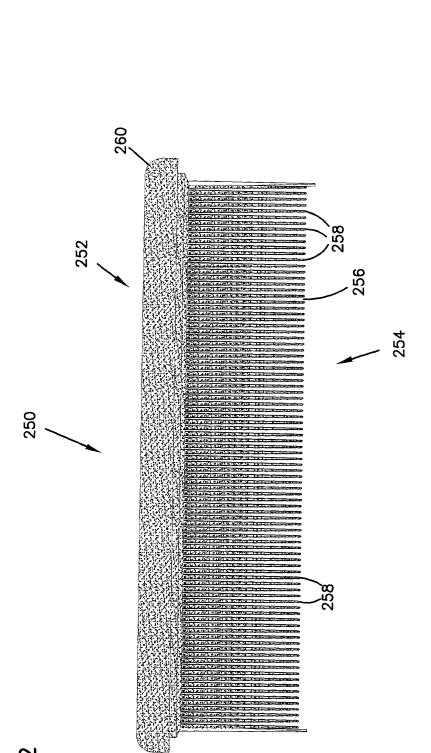
FIG.28

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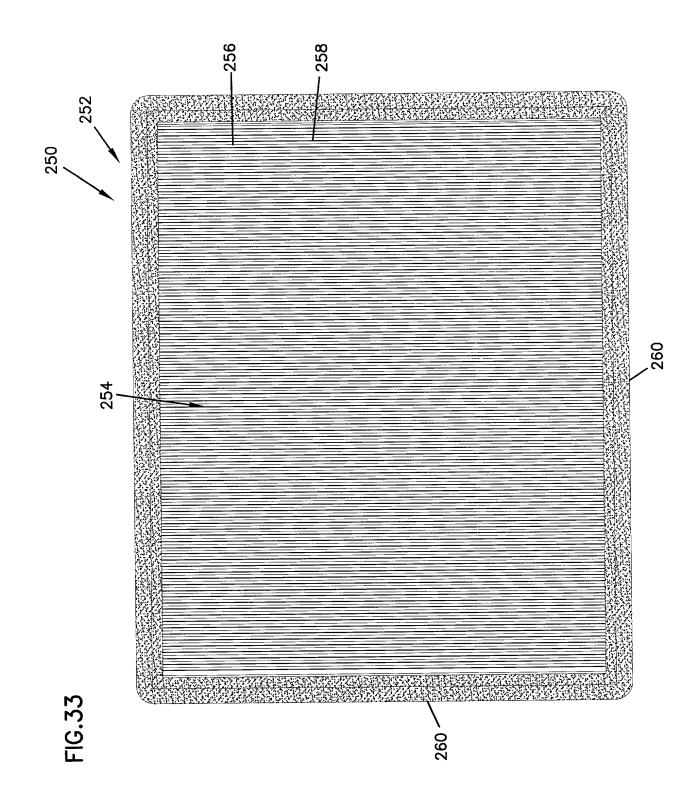




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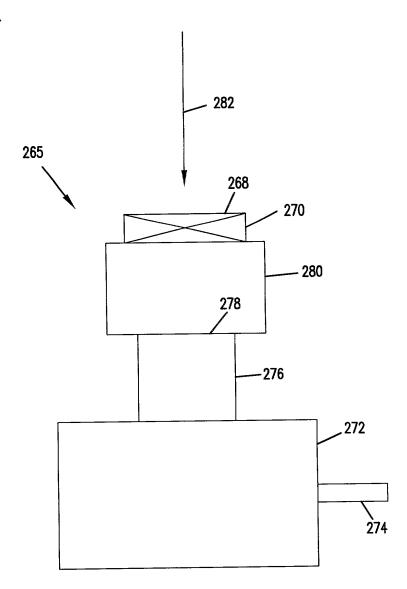
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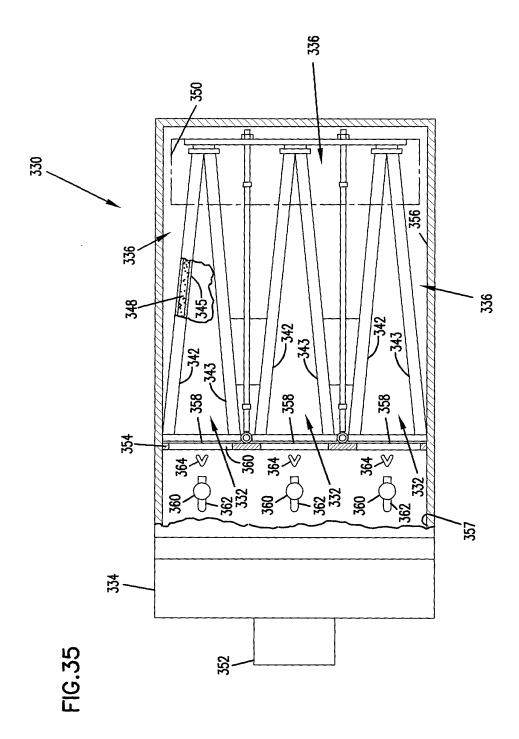
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**FIG.34** 



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